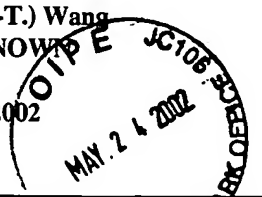


| | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) 9 Declaration Submitted with Initial Filing. : Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required). | Attorney Docket Number: 3175-Z First Named Inventor: Laung-Terng (L.-T.) Wang COMPLETE IF KNOWN Application Number: 10/086,214 Filing Date: February 27, 2002 Group Art Unit: Examiner Name: |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Method and Apparatus for Diagnosing Failures in an Integrated Circuit Using Design-for-Debug (DFD) Techniques, the specification of which is attached hereto unless the following box is checked:

: was filed on February 27, 2002 as United States Application Serial No. 10/086,214 or PCT International Application No. _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

Foreign Application(s) and/or Claim of Foreign Priority

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

| Country | Application Number | Date Filed (MM/DD/YYYY) | Priority Claimed Under 35 U.S.C. § |
|---------|--------------------|----------------------------|------------------------------------|
| | | | 9 Yes 9 No |
| | | | |

Provisional Application

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below:

| Application Serial Number | Filing Date |
|---------------------------|---------------|
| 60/272,064 | March 1, 2001 |
| | |

U.S. Priority Claim

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

| Application Serial Number | Filing Date | Status - Patented/Pending/Abandoned |
|---------------------------|-------------|-------------------------------------|
| | | |
| | | |

POWER OF ATTORNEY

I hereby appoint the following attorney to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Jim Zegeer (Registration No. 18,957), Telephone: 703-684-8333, Fax: 703-549-8411.

Address all correspondence to: Law Offices of Jim Zegeer
801 North Pitt Street, #108
Alexandria, VA 22314

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name (first and middle, if any),

family name or surname): Laung-Terng (L.-T.) Wang

Inventor's signature Laung-Terng Wang Date 04/23/2002

Residence: City Sunnyvale State California Citizenship: U.S.A

Mailing Address: 726 Winstead Terrace
Sunnyvale, CA 94087-2304

Full name of second joint inventor (given name (first and middle, if any),

family name or surname): Ming-Tung Chang

Inventor's signature Ming Tung Chang Date 04/18/2002

Residence: City Hsinchu State Taiwan Citizenship: Taiwan

Mailing Address: No. 8, Alley 22, Lane 148, Section 4, Jangnan Rd.
Fenyuan shiang, Changhua 502, Taiwan

Full name of third inventor (given name (first and middle, if any),

family name or surname): Shyh-Hong Lin

Inventor's signature Lin Shyh-hong Date 04/18/2002

Residence: City Taipei State Taiwan Citizenship: Taiwan

Mailing Address: 3F, No. 3, Lane 289, Section 2, Li-Nong St.
Taipei 112, Taiwan

Full name of fourth joint inventor (given name (first and middle, if any),

family name or surname): Hao-Jan Chao

Inventor's signature Hao-Jan Chao Date 04/18/2002

Residence: City Taoyuan State Taiwan Citizenship: Taiwan

Mailing Address: No. 5, Wu-Fu 4 St., Taoyuan City
Taoyuan 330, Taiwan

Full name of fifth inventor (given name (first and middle, if any),

family name or surname): Jaehee Lee

Inventor's signature Jaehee Lee Date 04/23/2002

Residence: City San Jose State California Citizenship: Korea

Mailing Address: 814 Saratoga Ave., J/304
San Jose, CA 95129

Additional inventors are being named on separately numbered sheets attached hereto.

Full name of sixth joint inventor (given name (first and middle, if any),
family name or surname): Hsin-Po Wang

Inventor's signature Hsin-Po Wang Date 04/22/2002

Residence: City Hsinchu State Taiwan Citizenship: Taiwan

Mailing Address: No. 4, Alley 1, Lane 122, Section 2, Chung-Hsin Rd.
Chu-Tung, Hsinchu 310, Taiwan

Full name of seventh inventor (given name (first and middle, if any),
family name or surname): Xiaoqing Wen

Inventor's signature Xiaoqing Wen Date 4/23/2002

Residence: City Sunnyvale State California Citizenship: P.R.O.C.

Mailing Address: 705 W. Fremont Ave., #4
Sunnyvale, CA 94087-2304

Full name of eighth joint inventor (given name (first and middle, if any),
family name or surname): Po-Ching Hsu

Inventor's signature Po-Ching Hsu Date 04/22/2002

Residence: City Hsinchu State Taiwan Citizenship: Taiwan

Mailing Address: 145 Hsieh-Fu Rd.
Hsinchu 300, Taiwan

Full name of ninth inventor (given name (first and middle, if any),
family name or surname): Shih-Chia Kao

Inventor's signature Shih-Chia Kao Date 04/22/2002

Residence: City Taipei State Taiwan Citizenship: Taiwan

Mailing Address: 7F, No. 14, Lane 291, Section 1, Kien-Kwo S. Rd.
Taipei 106, Taiwan

Full name of tenth joint inventor (given name (first and middle, if any),
family name or surname): Meng-Chyi Lin

Inventor's signature Meng-Chyi Lin Date 04/22/2002

Residence: City Taoyuan State Taiwan Citizenship: Taiwan

Mailing Address: 16F, No. 65, Shinfu 5 St., Pingjen City
Taoyuan 324, Taiwan

Full name of eleventh inventor (given name (first and middle, if any),
family name or surname): Sen-Wei Tsai

Inventor's signature Sen-Wei Tsai Date 04/22/2002

Residence: City Hsinchu State Taiwan Citizenship: Taiwan

Mailing Address: No. 12, Lane 2, An-Ho St.
Hsinchu 300, Taiwan

Full name of twelfth joint inventor (given name (first and middle, if any),
family name or surname): Chi-Chan Hsu

Inventor's signature Chi-Chan Hsu Date 04/18/2002

Residence: City Hsinchu State Taiwan Citizenship: Taiwan

Mailing Address: 11F-4, No. 50, University Rd.
Hsinchu 300, Taiwan

: Additional inventors are being named on separately numbered sheets attached hereto.